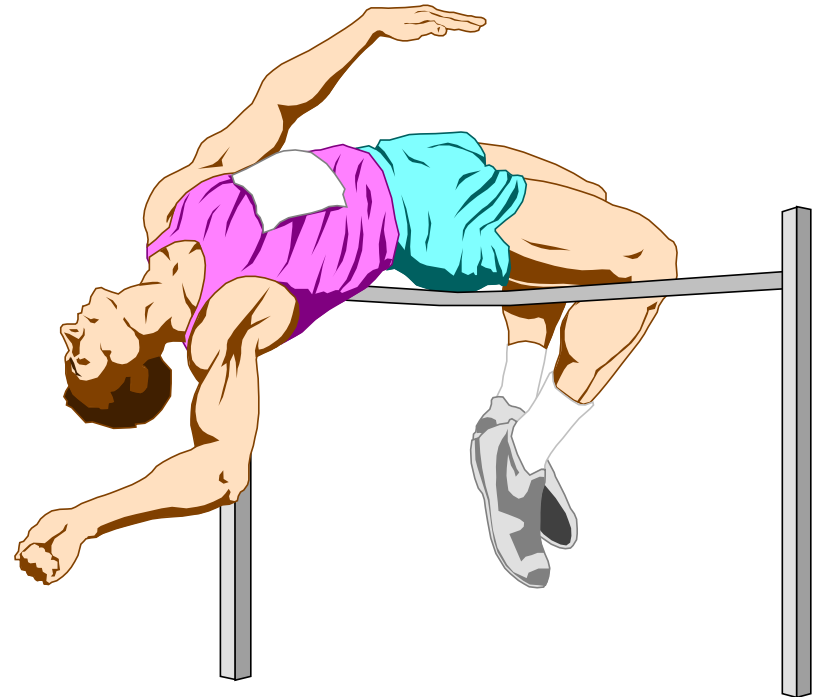




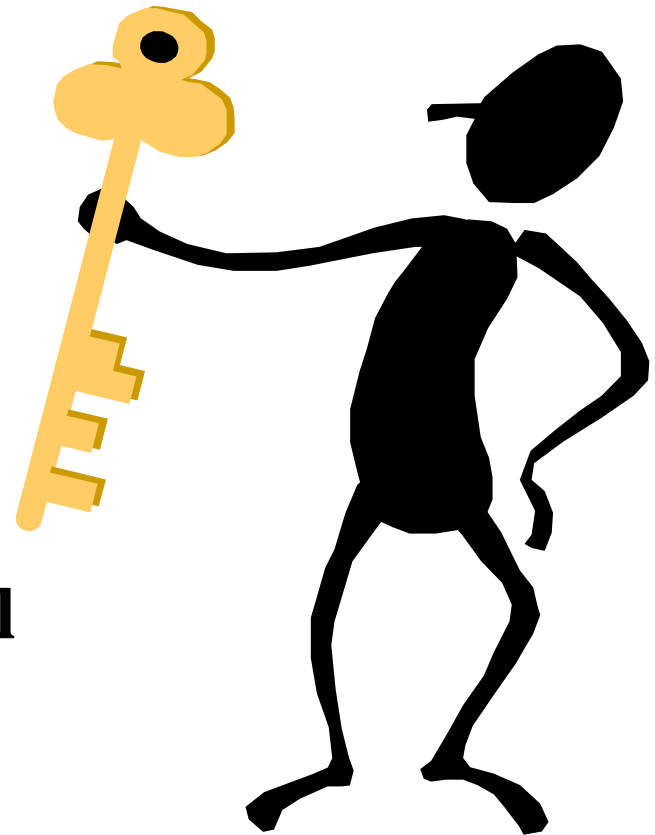
Bechtel B&W Idaho Voluntary Protection Program

**The BEST Approach
For Managing
*SAFELY!***



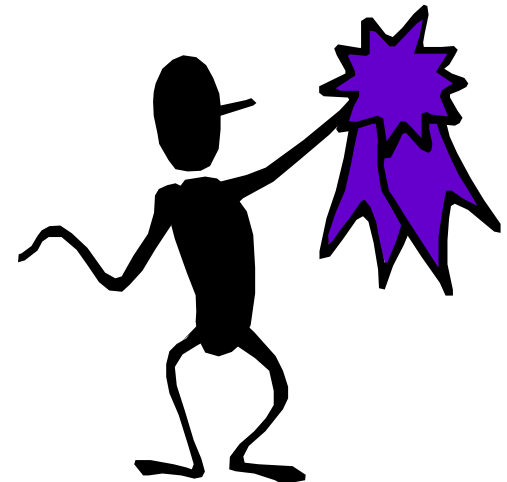
VPP Focuses on 5 Key Areas

- 1. Management Leadership**
- 2. Employee Involvement**
- 3. Worksite Analysis**
- 4. Hazard Prevention and Control**
- 5. Safety and Health Training**



228 Criteria

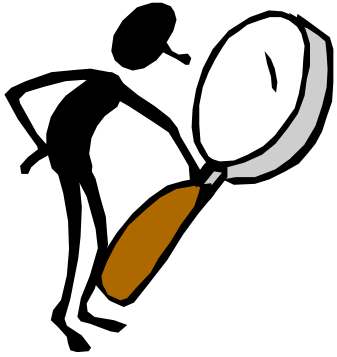
**DOE VPP encourages the
Creative STRETCH FOR EXCELLENCE through
systematic approaches and cooperative efforts
of employees, management and the
Department of Energy**



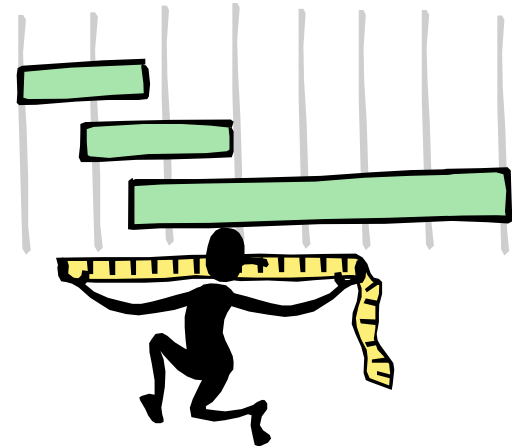
32 Safety Systems

- **Committees**
- **Employee Reports of Hazards**
- **Employee Safety & Health Training**
- **Emergency Preparedness**
- **Gen. Assmt. Site Safety/Health Committees**
- **Gen. Employee Involvement Requirements**
- **Gen. Analysis Requirement**
- **Gen. Management Requirements**
- **Line Accountability**
- **Medical Program**
- **Methods of Hazard Prevention**





32 Safety Systems

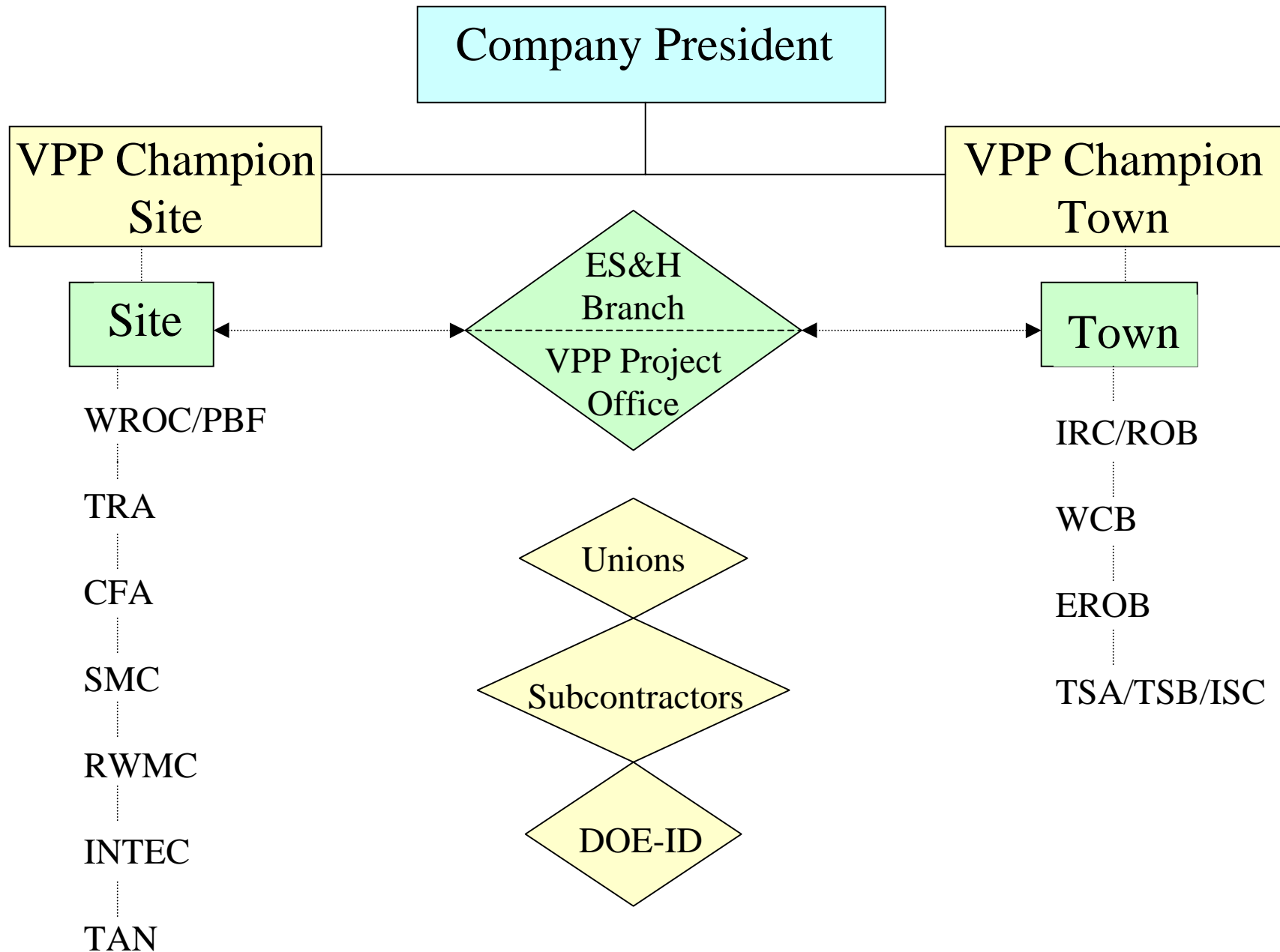


- **Positive Reinforcement & Discipline**
- **Pre-use, Pre-startup Analysis**
- **Preventative/Predictive maintenance**
- **Responsibility**
- **Routing Haz. Ctrl./Compliance Verification**
- **Safety & Health program Eval.**
- **Safety & Health training for Mgmt**
- **Safety & Health training for Supervisors**
- **Site Orientation & Gen Accountability**
- **Subcontractor Involvement**
- **Tracking System**
- **Trend Analysis**
- **Visible Management Involvement**
- **Written Safety and Health Program**
- **Access to certified professional training**
- **Authority & Resources**
- **Baseline Surveys**
- **Commitment/Goals & Objectives**
- **Commitment/Planning**
- **Commitment/Policy**

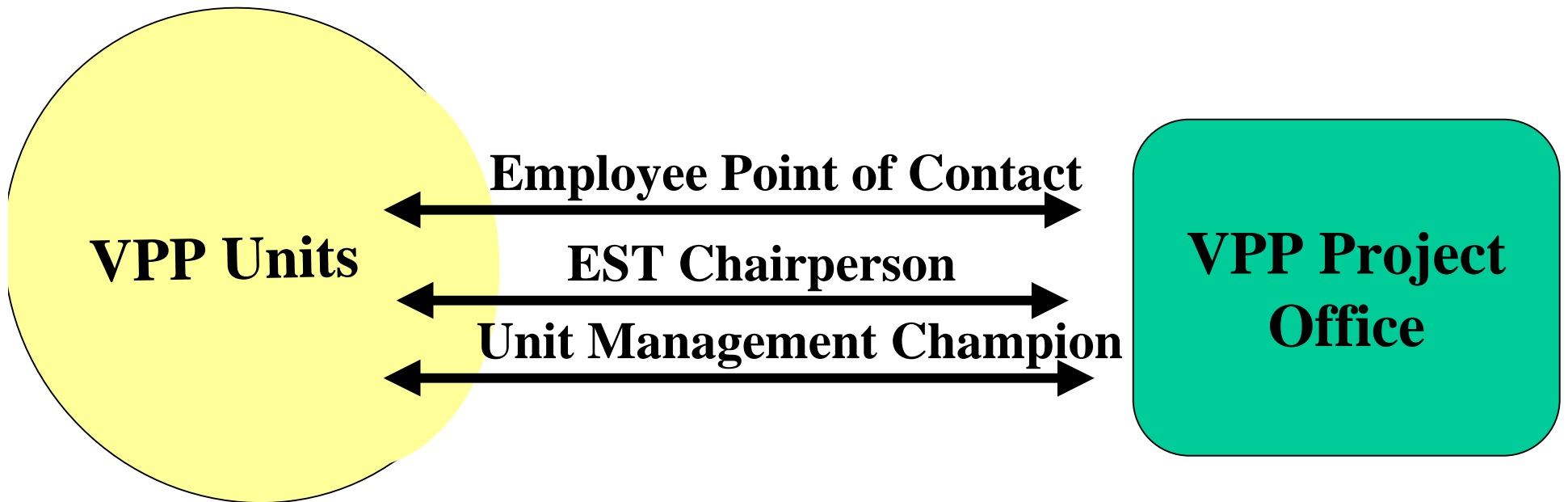
Workplace Culture



VPP Infrastructure



VPP Infrastructure (Cont'd)



Pamphlets/Booklets

VPP Points of Contact

Supervisor & Manager Training

Employee Safety Teams

Daily Constitutional

VPP Homepage

"Star" Articles

Jeopardy

Avenues of Communication



Employee Involvement is the to **SUCCESS**



- Employee Safety Teams
- Total Safety Culture/WASP
- Safety Meetings
- Reporting Safety Concerns
- Safety Recognition
- Inspections
- Self-Assessments
- Procedure/Process Input
- Injury/Illness Investigations
- Work Control (STD-101 & MCP-3562) Hazard Recognition and Control

Employee Safety Teams are the of Employee Involvement



“Employees Working & Communicating with Employees”

Employee Safety Team Structure

**Senior
Management**

Chairperson
Chief Executive Officer
Co-Chairperson
Individual Contributor

**Function
within
written
Charters**

**Company Employee
Safety Team
(CEST)**

Unions

**ES&H
Advisors**

Subcontractors

Co-Chairpersons
Individual Contributors

**11 Unit
Employee Safety Teams
(ESTs)**

Unions

**ES&H
Advisors**



DOE-ID/LMITCO/UNION
Statement of Endorsement

For the DOE-Voluntary Protection Program at the
Idaho National Engineering & Environmental Laboratory (INEEL)

The members of the following organizations support the efforts to implement the DOE-Voluntary Protection Program (VPP) at the INEEL. This Department of Energy sponsored program offers an opportunity to achieve the INEEL's vision of being the leader in safety and health in the DOE complex. The achievement of STAR status is of significant importance to the membership we represent. We commit to the importance of providing a safe and healthy work environment for EVERYONE at the INEEL.

Department of Energy
Idaho Operations Office


Manager, John W. Wilczynski

Lockheed Martin Idaho Technologies Co.


President, W. John Denson

Oil, Chemical and Atomic Workers
(OCAW) Local 2-652


President, Don Detonancour

Idaho Building and Construction Trades


President, R. D. Maynard

United Plant Guard Workers of America
(UPGWA) Local 3


Vice President, Merrill Fullmer

Amalgamated Transit Union (ATU)
Div 1517 AFL-CIO


President, Randy D. Olaveson

Teamsters, Chauffeurs, Warehousemen
and Helpers Union Local 983


Vice President, Bonnie Bradley

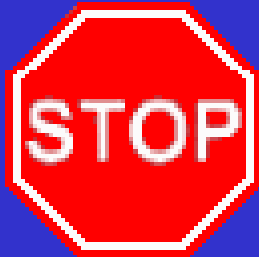
3-D Fire Protection


Sub-Contractor Representative,
Lamar Hayward

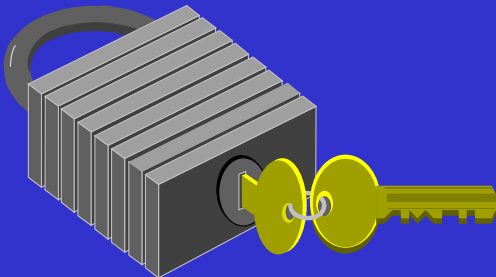
Union Summit



Worker Applied Safety Program



STOP WORK” Revision



Lockout/Tagout

Subcontractor Participation

- Revised Procurement Requirements
- Bimonthly Safety meetings
- “Focus On ”
- Onsite walkthroughs
- Training
- Submittal & review of VPP Criteria responses



VPP Activities Currently Underway...

- STAR READY



- Passport to Excellence



Employees
Management
DOE-ID



- STAR Jeopardy



- Maturing ESTs

“Star Ready”

- **Local Recognition Program**
- **DOE HQ Recognized**
- **Designed to create and sustain momentum at large complex DOE sites.**

STAR READY

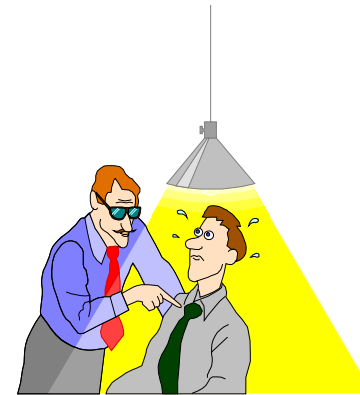


At the INEEL



“Star Ready” Mechanics

- **Designed to be as close to DOE HQ Star Assessment as possible.**
- **Independent Review**
- **30 - 180 day lists**
- **Numerical scoring on all 228 criteria - must score 80 or above**
- **Process Review**
- **Employee/Management Interviews**
- **Work Package Walkdowns**
- **DOE-ID Verification**



ELEVEN UNITS

Recommended
for

STAR READY



At the INEEL



EROB

TSA/TSB/ISC

CFA

TAN

RWMC

WCB

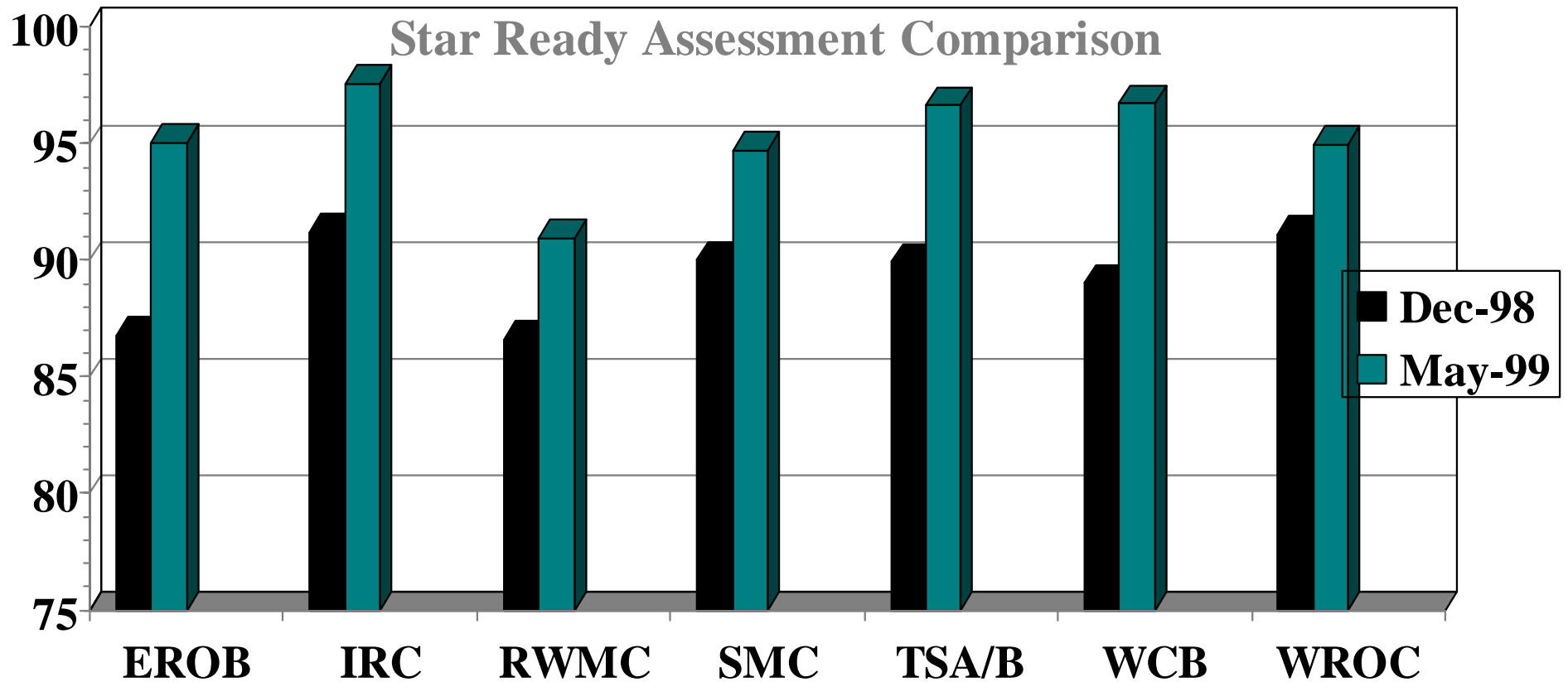
TRA

IRC
WREF/PBF/WROC

SMC

INTEC

7 VPP “Star Ready” Units



Annual Events for Employee Awareness



Safety Bowl

(Jan.- Feb.)



**Celebration
of
Safety Week**

(February)



**Safety EXPO
for Community**

(May)

Project Plan

**STAR
MAP**





Voluntary Protection Program

Star Map

Journey into the year 2000

Programmatic Activities

- Annual Assessment (Nov.)
- Safety Bowl (Jan.-Feb.)
- Celebration Week
- External Assessment (Feb.)
- Safety Expo (May)

Worker Focus

- Passport to Excellence
- Worker Applied Safety Process (WASP)
- Employee Safety Teams
- TSC Enhancements

Communications Training

- Star Jeopardy
- SAM 6 (Oct.)
- SAM 7 (April)
- Daily Constitution
- Hazard Analysis "Wheels"
- Audit Profiles Workshop
- VPP "Blitz" (June)

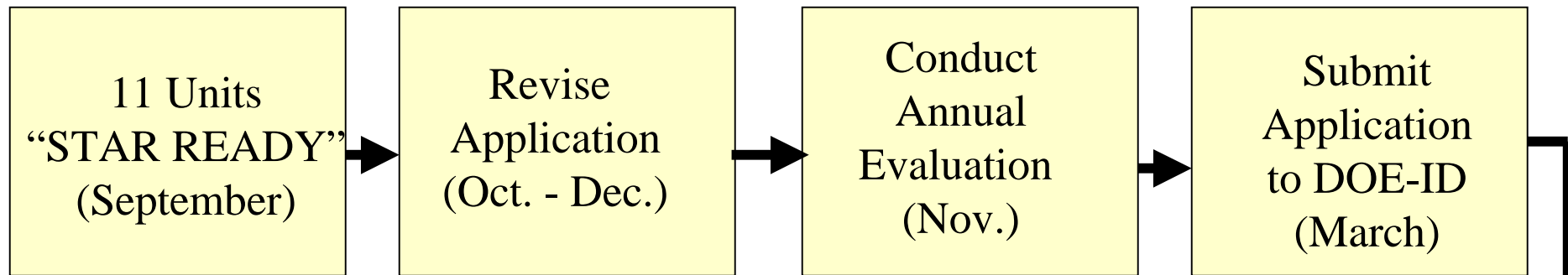
Continuous Improvement

- "Movement" Safety
- Benchmarking World Class Companies
- VPPA Conferences

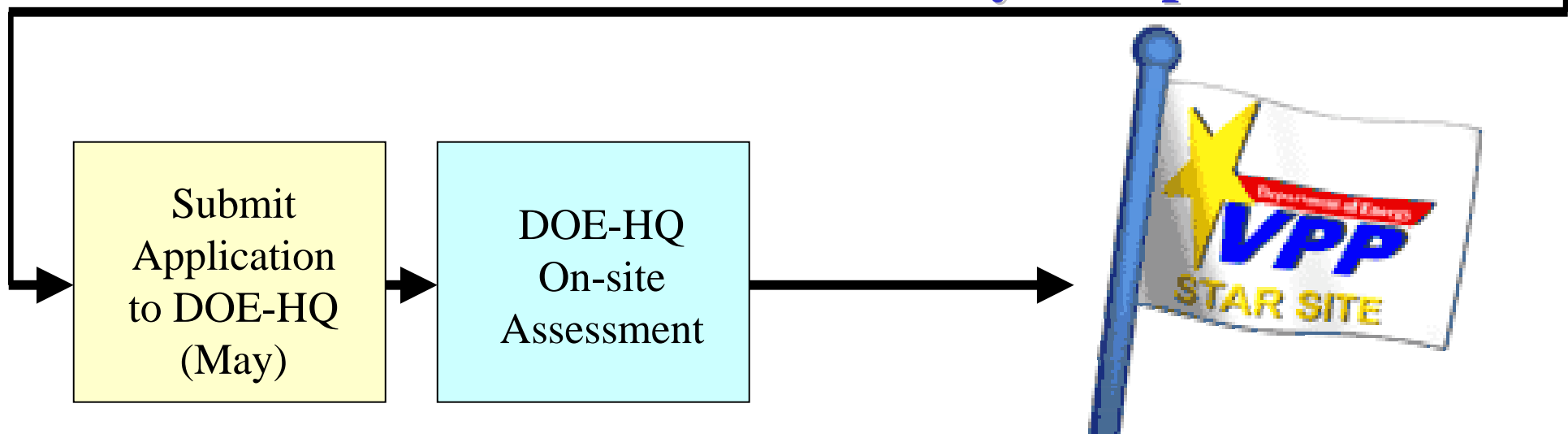
Application Preparation

- Revise Application (Oct.-Jan.)
- Submit Application to DOE-ID
- Submit Application to DOE Headquarters (April)

Future Path Forward



ISM Phase II Successfully Completed



Bottom Line Impact Statistics at STAR Sites

				STAR
				↓
GE Plastics (Recordable Rate)	<u>1992</u>	<u>1994</u>	<u>1995</u>	
	6.2	2,35	1.56	

				STAR
				↓
Star Enterprise (Incident Rate)	<u>1990</u>	<u>1992</u>	<u>1995</u>	
	4.2	4.4	1.7	

Average Workers Compensation Costs (WCC)

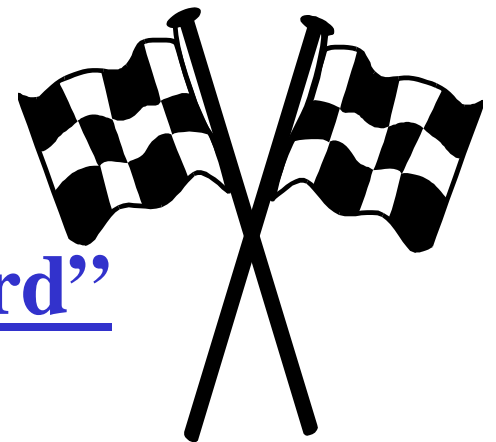
Lockheed Martin	WCC	\$336,600	————→	\$ 74,400 (78%)
Dallas Airmotive	WCC	\$382,000	————→	\$185,000 (52%)
Alumax	WCC	\$713,766	————→	\$ 66,522 (90%)

VPP Sites Enjoy a Number of Positive Benefits

- Lost Workday Case Rates That Are Generally 60% to 80% **Below** the Average for Their Industry
- Higher Worker Morale
- Improved Labor/Management Relations
- Significant Worker Involvement



“VPP -- A Proven Track Record”



Culture

ISMS



VPP

system